

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0135.3US	SERIAL NO. 10/054,030
	APPLICANT Stephen E. Terry	
	FILING DATE January 22, 2002	GROUP 2662

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


\* - All documents considered an IDS dated 9/27/04

EXAMINER <i>Donald Miller</i>	DATE CONSIDERED 6/10/05
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## U.S. PATENT DOCUMENTS

Technology Center 2600

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
★	BE	5 7 5 4 5 4 1	05/1998	Glisic et al.			
	BF	6 0 7 8 5 6 8	06/2000	Wright et al.			
	BG	6 2 8 5 6 6 2	09/2001	Watanabe et al.			
	BH	6 4 1 8 1 3 6	07/2002	Naor et al.			
	BI	6 5 6 7 4 2 0	05/2003	Tiedemann, Jr. et al.			
	BJ	6 6 7 4 7 6 5	01/2004	Chuah et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
★	BK	0 7 0 7 3 8 6	04/1996	EP				
	BL	9 6 2 2 6 6 8	07/1996	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

★	BM	Alداما, Eduardo and Vargas, César, "Outage Effects on the TCP-Wireless Integration for Data/Voice Services in CDMA Systems Using Multiple Access," Centro de Electrónica y Telecomunicaciones, ITESM Monterrey, Mexico					
	BN	Okada, H., Yamazato, T., Katayama, M. and Ogawa, A., "CDMA Unslotted ALOHA Systems with Finite Buffers," Ogawa Lab., Dept. of Info. Elec., Graduate School of Eng., Nagoya University, Japan					

EXAMINER <i>Donald M. Hall</i>	DATE CONSIDERED 6/10/05
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SERIAL NO.

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APPLICANT  
Stephen E. Terry

FILING DATE

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
224	AI	5	3	1	7	5	6	2	6/94	Nardin et al.			
1	AJ	5	8	0	2	3	1	0	9/98	Rajaraman			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AK	W	O	9	6	0	89	35	3/96	PCT				
	AL	W	O	9	8	4	72	53	10/98	PCT				X
	AM	W	O	9	9	0	97	75	2/99	PCT				
	AN	E	P	0	91	20	15	A2	4/99	Europe				
	AO	E	P	0	97	73	93	A1	2/00	Europe				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	Chi-Qing Yang and Alapati V. S. Reddy, "A Taxonomy for Congestion Control Algorithms in Packet Switching Networks", IEEE Network, July/August 1995, pp. 34-45
AA	TS 25.321 V2.0.1 MAC Protocol Specification, TSG-RAN Working Group 2 (Radio Layer 2 and Radio Layer 3), Berlin, Germany, May 25-28, 1999.
AB	Stephen E. Terry, FACH Scheduling, Prioritization and Queue Management, 3GPP TSG-RAN WG2 #4, Berlin, Germany, May 25-28, 1999.

EXAMINER

*Charles E. Hill*

DATE CONSIDERED

*2/29/04*

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													YES	NO
<del>AC</del>	<del>E</del>	<del>P</del>	<del>09</del>	<del>12</del>	<del>01</del>	<del>5</del>	<del>A2</del>	<del>4/99</del>	<del>Europe</del>					
<del>AD</del>	<del>E</del>	<del>P</del>	<del>09</del>	<del>12</del>	<del>01</del>	<del>5</del>	<del>A3</del>	<del>5/99</del>	<del>Europe</del>					
<del>AE</del>	<del>E</del>	<del>P</del>	<del>09</del>	<del>77</del>	<del>39</del>	<del>3</del>	<del>A1</del>	<del>2/00</del>	<del>Europe</del>					
<del>AF</del>	<del>W</del>	<del>O</del>	<del>96</del>	<del>08</del>	<del>9</del>	<del>3</del>	<del>5</del>	<del>3/96</del>	<del>PCT</del>					
<del>AG</del>	<del>W</del>	<del>O</del>	<del>99</del>	<del>09</del>	<del>7</del>	<del>7</del>	<del>5</del>	<del>2/99</del>	<del>PCT</del>					
<del>AH</del>	<del>W</del>	<del>O</del>	<del>98</del>	<del>47</del>	<del>2</del>	<del>5</del>	<del>3</del>	<del>10/98</del>	<del>PCT</del>					X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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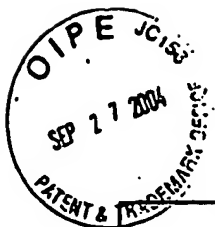
*Donald Z. Thibault*

DATE CONSIDERED

*2/29/04*

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Sheet 1 of 3

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Dr44	4,630,261	12/1996	Irvin			
↑	5,278,828	01/1994	Chao			
	5,317,562	05/1994	Nardin et al.			
	5,666,348	09/1997	Thornberg et al.			
	5,729,540	03/1998	Wegrzyn			
	5,742,588	04/1998	Thornberg et al.			
	5,754,541	05/1998	Glisic et al.			
	5,802,310	09/1998	Rajaraman			
	5,838,677	11/1998	Kozaki et al.			
	6,078,568	06/2000	Wright et al.			
	6,091,725	07/2000	Cheriton et al.			
	6,105,070	08/2000	Gaylord			
	6,122,253	09/2000	Jones			
	6,285,662	09/2001	Watanabe et al.			
	6,330,603	12/2001	Seki et al.			
	6,418,136	07/2002	Naor et al.			
	6,421,335	07/2002	Kilkki et al.			
	6,424,624	07/2000	Galand et al.			
	6,496,513	12/2002	Takamichi			
	6,567,420	05/2003	Tiedemann et al.			
↓	6,674,765	01/2004	Chua et al.			

EXAMINER <i>Donald R. Mills</i>	DATE CONSIDERED <i>3/5/04</i>
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Dr. M.		430570 A2	06/1991	EP				
		707386 A2	04/1996	EP				
		877512 A1	11/1998	EP				
		0912015 A2	04/1999	EP				
		0912015 A3	05/1999	EP				
		0977393 A1	02/2000	EP				
		9608935	03/1996	WO				
		9622666 A1	07/1996	WO				
		9833349	07/1998	WO				
		9847253	10/1998	WO				
		9909775	02/1999	WO				
		H345051	02/1991	JP				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Dr. M.		Yang et al., "A Taxonomy for Congestion Control Algorithms in Packet Switching Networks," IEEE Network, July/August 1995, pp. 34-45.
		TS 25.321 V2.0 MAC Protocol Specification, TSG-RAN Working Group 2 (Radio Layer 2 and Radio Layer 3), Berlin, Germany, May 25-28, 1999.
		Terry, FACH Scheduling, Prioritization and Queue Management, 3GPP TSG-RAN WG2 #4, Berlin, Germany, May 25-28, 1999.
		Chao et al., "Queue Management with Multiple Delay and Loss Priorities for ATM Switches," IEEE International Conference on Communications, 1994, ICC 94, SUPERCOMM. New Orleans, LA, May 1-5, 1994, Vol. 2, pp. 1184-1189.
		Liebeherr et al., "Priority Queue Schedulers with Approximate Sorting in Output-Buffered Switches," IEEE Journal on Selected Areas in Communications, Charlottesville, VA, June 1999, Vol. 17, Iss. 6, pp. 1127-1144.

EXAMINER <i>Dr. M. Terry</i>	DATE CONSIDERED 3/5/04
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
<i>Draw</i>		Aldama et al, "Outage Effects on the TCP-Wireless Integration for Data/Voice Services in CDMA Systems Using Multiple Access," IEEE 49 <sup>th</sup> Vehicular Technology Conference, May 16-20, 1999, Vol. 2, pp. 1717-1721.	
<i>↓</i>		Okada et al., "CDMA Unslotted Aloha System with Finite Buffers," IEEE International Universal Personal Communications, October 5-9, 1998, Vol. 2, pp. 1143-1147.	
<i>↓</i>		TSGW3#n(99)395, "Draft LS to RAN 2, Common Channel Management Over Iur," TSG-RAN Working Group 3 Meeting #3, Nortel Networks, Kawasaki, Japan, April 26-30, 1999.	
<i>↓</i>		TSGR3#3(99)289, "Report of [ARC/1] Study Item 'Common Transport Channels (FACH, RACH, DSCH) on Iur,'" (Draft), TSG-RAN Working Group 3 (Architecture), Kawasaki, Japan, April 26-30, 1999, pp. 1-5.	
<i>↓</i>		TS 25.321 V2.0.0 (1999-04), "MAC Protocol Specification," 3 <sup>rd</sup> Generation Partnership Project (3GPP), Technical Specification Group (TSG) RAN, Working Group 2, 1999.	

<b>EXAMINER</b> <i>Donald M. [Signature]</i>	<b>DATE CONSIDERED</b> <i>3/16/04</i>
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